

CLAIMS

What is claimed is:

1. A packing unit for a refrigerator having a detachable door handle, the packing unit comprising:
 - an outer case to protect an external appearance of the refrigerator;
 - an upper shock absorber accommodated in the outer case and connected to an upper part of the refrigerator and having a handle accommodating part to accommodate the door handle detached from the refrigerator; and
 - a lower shock absorber accommodated in the outer case and connected to a lower part of the refrigerator.
2. The packing unit of claim 1, wherein the handle accommodating part of the upper shock absorber is grooved to a predetermined depth in the upper shock absorber to prevent the door handle accommodated therein from protruding from an outer surface of the upper shock absorber.
3. The packing unit of claim 1, wherein the upper shock absorber comprises an expandable polystyrene material.
4. The packing unit of claim 3, wherein the upper shock absorber comprises at least one air vent and connects to the upper part of the refrigerator.
5. The packing unit of claim 2, wherein the upper shock absorber comprises an expandable polystyrene material.
6. The packing unit of claim 4, wherein the upper shock absorber comprises at least one air vent and connects to the upper part of the refrigerator.
7. The packing unit of claim 1, wherein the door handle is forcedly fitted to the handle accommodating part.

8. The packing unit of claim 2, wherein the door handle is forcedly fitted to the handle accommodating part.

9. The packing unit of claim 1, wherein a size and a shape of the handle accommodating part is relative to a size and a shape of the door handle.

10. The packing unit of claim 1, wherein the door handle is elastically supported in the upper shock absorber without an additional component.

11. The packing unit of claim 1, wherein the upper and lower shock absorbers each comprise at least one air vent.

12. The packing unit of claim 1, wherein the handle accommodating part comprises an adhesive material to prevent the door handle from detaching from the upper shock absorber.

13. A packing unit for a refrigerator having a detachable door handle, the packing unit comprising:

an outer case to protect an external appearance of the refrigerator;

an upper shock absorber accommodated in the outer case and connected to an upper part of the refrigerator; and

a lower shock absorber accommodated in the outer case and connected to a lower part of the refrigerator and having a handle accommodating part to accommodate the door handle detached from the refrigerator.

14. The packing unit of claim 13, wherein the handle accommodating part of the lower shock absorber is grooved to a predetermined depth in the lower shock absorber to prevent the door handle accommodated therein from protruding to an outer surface of the lower shock absorber.

15. The packing unit of claim 13, wherein the lower shock absorber comprises an expandable polystyrene material.

16. The packing unit of claim 15, wherein the lower shock absorber comprises at least one air vent and connects to the lower part of the refrigerator.

17. The packing unit of claim 13, wherein the door handle is elastically supported in the upper shock absorber without an additional component.

18. The packing unit of claim 13, wherein the door handle is forcedly fitted to the handle accommodating part.

19. The packing unit of claim 13, wherein the handle accommodating part comprises: an adhesive material to prevent the door handle from detaching from the lower shock absorber.

20. A packing unit for a refrigerator having a detachable door handle, the packing unit comprising:

an outer casing to protect an outer portion of the refrigerator; and

a packing material which connects to the refrigerator and comprises a groove therein to accommodate the door handle detached from the refrigerator and to prevent damage to the door handle upon storage and transport of the refrigerator.